

# Foreign Agricultural Service

## GAIN Report

Global Agriculture Information Network

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GAIN Report #CH0008

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# China, Peoples Republic of

# **Livestock and Products**

# **Semi-Annual Report**

2000

U.S. Embassy-Beijing

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#### **Report Highlights:**

Rapid Expansion of livestock inventories in recent years along with a slowdown in Chinese economic growth has left China with an overhang in meat production. This pushed prices to 4 year lows in 1999. However, recently, at least for swine, the situation appears to be improving with lives prices moving up as feed prices have fallen.

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#### **SUMMARY**

In general, 1999 was not a good year for Chinese livestock. Prices for red meats were lower than they have been in 4 years. This has meant that inventory growth in 1999 for swine, cattle and sheep and goats all were much slower than in previous years. To an extent this slower growth merely reflects normal cyclical activity for the 3 livestock sectors. All 3 sectors in previous years had expanded too quickly. However, a slowing of growth in recent years of the general Chinese economy has cut demand and aggravated the situation.

Over recent months however, the situation appears to be improving. The economy is rebounding and feed prices have fallen by 15 percent. In the swine industry, which has a shorter cycle, live hog prices have risen from summer lows and production in 2000 is projected to be up significantly. Cattle, sheep, and goats should also start to show improvement over the next year or so.

Hides and Skins imports continue to grow steadily with volume increasing 20 percent in 1999, even though lower world prices held value steady. The United States, with a reputation for quality, is maintaining a strong market position with share by volume reaching 25 percent in 1999.

Domestic tallow production has followed meat production, growing at a slower rate in 1999 as slaughter rates fell. However, in large part because of comparatively high Chinese vegetable oil price, imports doubled in 1999. Imports are expected to remain high going into 2000.

China's likely entry into the WTO will affect the various livestock products differently. Since the Chinese have agreed to a relatively small change in pork tariffs after entering the WTO, it should have little impact there. However, the agreed reduction in beef tariffs could well lead to increased imports. For tallow, the WTO accession could actually mean a reduction in imports as the Chinese will greatly increase the amount of vegatable oil imports they allow. Better access for corn and other feed ingredients following accession should also help moderate feed prices over time.

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### **Cattle and Beef**

PSD Table							
Country	China, Peoples Republ	lic of					
Commodity	Animal Numbers, Cat				(1000 HEAD)		
	Revised	1998	Preliminary	1999	Forecast	2000	
	Old	New	Old	New	Old	New	
Market Year Begin		01/1998		01/1999		01/2000	
Total Cattle Beg. Stks	116847	121757	124000	124354	133000	126000	
Dairy Cows Beg. Stocks	3505	3500	3720	3700	3990	4000	
Beef Cows Beg. Stocks	54918	55000	58280	56000	62510	58000	
Production (Calf Crop)	27459	27500	29140	28000	31255	30000	
Intra EC Imports	0	0	0	0	0	0	
Other Imports	2	2	1	0	1	1	
TOTAL Imports	2	2	1	0	1	1	
TOTAL SUPPLY	144308	149259	153141	152354	164256	156001	
Intra EC Exports	0	0	0	0	0	0	
Other Exports	75	75	75	65	75	70	
TOTAL Exports	75	75	75	65	75	70	
Cow Slaughter	0	0	0	0	0	0	
Calf Slaughter	0	0	0	0	0	0	
Other Slaughter	19800	24500	20000	26000	21000	27500	
Total Slaughter	19800	24500	20000	26000	21000	27500	
Loss	433	330	66	289	181	431	
Ending Inventories	124000	124354	133000	126000	143000	128000	
TOTAL DISTRIBUTION	144308	149259	153141	152354	164256	156001	
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0	
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0	

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PSD Table								
Country	China, Peoples Republ	ic of						
Commodity	Meat, Beef and Veal			(1000 MT CWE)(1000 HEAD)				
	Revised 1998 Preliminary			1999	Forecast	2000		
	Old	New	Old	New	Old	New		
Market Year Begin		01/1998		01/1999		01/2000		
Slaughter (Reference)	19800	24500	20000	26000	21000	27500		
Beginning Stocks	0	0	0	0	0	0		
Production	4288	4799	4360	5100	4560	5400		
Intra EC Imports	0	0	0	0	0	0		
Other Imports	6	5	6	6	6	6		
TOTAL Imports	6	5	6	6	6	6		
TOTAL SUPPLY	4294	4804	4366	5106	4566	5406		
Intra EC Exports	0	0	0	0	0	0		
Other Exports	66	66	40	36	45	30		
TOTAL Exports	66	66	40	36	45	30		
Human Dom. Consumption	4228	4738	4326	5070	4521	5376		
Other Use, Losses	0	0	0	0	0	0		
TOTAL Dom. Consumption	4228	4738	4326	5070	4521	5376		
Ending Stocks	0	0	0	0	0	0		
TOTAL DISTRIBUTION	4294	4804	4366	5106	4566	5406		
Calendar Yr. Imp. from U.S.	0	1	0	2	0	2		
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0		

#### Cattle and Beef Situation and Outlook

Although the first couple of months of 1999 saw a temporary spike in beef prices, they fell and remained about 5 percent below the average levels of 1998 throughout the remainder of 1999. The growth in slaughter in 1999 appears to only have reached 6 or 7 percent, well off rates of earlier years. Still, as has been the case for many years,, growth in slaughter has well outstripped growth in the overall herd which is expected to be an anemic (by Chinese standards) 1 percent in 1999. The Chinese cattle herd continues to have fewer and fewer draft animals, which means the average life-span for the animals is falling as is the ratio of slaughter to total herd size—thus the marked difference in growth rates.

Although now one expects the slaughter numbers to stop growing in 2000, certainly the continuing low prices are dampening the growth of the beef cattle herd. Both slaughter growth and inventory growth should be near 1999 levels.

Over the next 3 to 5 years the future of the Chinese beef industry is problematical. The quality of Chinese beef is poor and it is generally recognized that the growth in future beef demand will be in higher quality cuts. The Government realizes this and is developing new grading standards for beef. They also have several herd-improvement programs in place usually relying heavily on imported breeding stock. Recently, China acquired nearly \$100 million in World Bank

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loans in support of a 4-province cattle infrastructure project in east-central China. The emphasis is again on meeting expected demand for quality beef, and in addition to new feeding lots and processing facilities, the project will spend heavily to try and improve the beef herd, particularly through the use of imported genetics.

Realistically, however, the Chinese cattle industry faces some significant constraints which, despite these projects, could limit expansion-- particularly expansion of high quality beef. Most notable is China's very limited forage. Demands on arable land are of course very great in China, so devoting good land to the produce the forage needed for quality beef cattle is expensive relative to other beef-producing countries like the United States, Canada, Australia and New Zealand. Even overcoming this problem, China still will take a very long time to turn what remains largely a draft animal by-product industry into a sophisticated modern beef industry.

These constraints will become all the more binding when, as seems likely, China enters the WTO. This will lower tarriffs on frozen beef from there current 45 percent to 12 percent by 2004, and on chilled beef from 45 percent to 25 percent. Also, for U.S. Beef, China has agreed in preparation for their entry into the WTO, to accept USDA/FSIS certificates as certifying food safety rather than requiring that the Chinese inspect and approve individual plants. The prospects for significantly increased exports seems great as China's own industry will find it difficult to meet increased demand for quality beef.

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China's Live Cattle Imports by Origin (Number of Head)								
ORIGIN	1996	1997	1998	1999				
Canada	517	1,344	67	100				
United States	0	212	3	6				
Australia	0	0	1,411	0				
New Zealand	62	20	173	0				
Other	10	20	0	0				
TOTAL	589	1,596	1,654	106				

**Source: China Customs** 

HS Codes: 0102.1000 and 0102.9000 (f:\shared\lotus\lvstk\cattlimp.wk4)

China's Live Cattle Exports by Destination (Number of Head)									
DESTINATION	1996	1997	1998	1999					
Hong Kong	78,967	59,266	65,582	59,410					
Macau	7,217	5,547	5,980	5,639					
Korea, DPR	30	851	1,997	524					
Kazakstan	0	0	1,171	0					
Saudi Arabia	1,433	0	0	0					
Others	58	36	0	8					
TOTAL	87,705	65,700	74,730	65,581					

Source: China Customs

HS Codes: 0102.1000 and 0102.9000 (f:\shared\lotus\lvstk\cattlexp.wk4)

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China's Fresh, Chilled and Frozen Beef Imports by Origin (Metric Tons)								
SOURCE	1996	1997	1998	1999				
Australia	1,861	2,165	2,616	2,703				
United States	691	337	788	1,426				
New Zealand	368	30	137	274				
Japan	2	16	3	3				
Hong Kong	17	1	0	1				
Others	9	41	4	147				
TOTAL	2,948	2,590	3,548	4,554				

Source: China Customs

HS Codes: 0201.1000, 0201.2000, 0201.3000

0202.1000, 0202.2000, 0202.3000

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China's 1999 Total I (Exch	mports Of Fresh, C uding HK Re-Expo (1,000 MT)		and Canned Beef
	Quantity	Conversion	Quantity
		Factor	Carcass Basis
Frsh, Chld, Frzn, carcass	0.466	1.00	0.466
Frsh, Chld, Frzn, boneless	4.088	1.40	5.723
Canned	0.489	1.40	0.685
TOTAL			6.874

Source: China Customs

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CHINA'S DIRECT AND INDIRECT IMPORTS (	)F
BEEF MEAT AND OFFAL, 1999 (Metric Tons)	

-	Direct	Re-exports
	Imports	to China
Country of Origin	to China 1/	from HK 2/
	(Thru 4th Qtr)	(Thru 3rd Qtr)
MEAT		
Australia	2,703	162
U.S.	1,426	415
New Zealand	274	477
Brazil	0	114
Other	151	102
Total Beef Imports	4,554	1,270
OFFAL		
U.S.	10,505	5,262
Brazil	353	5,834
Australia	2,410	3,464
Argentina	565	4,396
New Zealand	2,168	1,121
Canada	2,154	351
Uruguay	195	734
Netherlands	0	216
Japan	178	0
Others	1,077	838
	Í	
Total Beef Offal Imports	19,605	22,216
•	Í	,
TOTAL BEEF & BEEF OFFAL	24,159	23,486

1/ Source: China Customs
2/ Source: Hong Kong Customs
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China's Fresh, Chilled and Frozen Beef Exports by Destination (Metric Tons)									
DESTINATION	1996	1997	1998	1999					
Hong Kong	6,381	6,868	7,845	8,571					
Russia	19,982	21,291	26,691	6,124					
Palestine	0	471	4,247	1,979					
Israel	0	370	1,865	1,436					
Korea, DPR	1,142	1,122	1,038	232					
Macau	104	85	92	75					
Japan	115	0	0	22					
Singapore	288	63	0	0					
Others	671	1,224	1,263	722					
TOTAL	28,683	31,494	43,041	19,161					

**Source: China Customs** 

HS Codes: 0201.1000, 0201.2000, 0201.3000 0202.1000, 0202.2000, 0202.3000

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China's 1999 Total Exports of Fresh, Chilled, Frozen, and Canned Beef (Excluding HK Re-Export) (1,000 MT)

	Quantity	Conversion	Quantity
		Factor	Carcass Basis
Frsh, chl, frzn, carcass	0.604	1.00	0.604
Frsh, chl, frzn, boneless	18.556	1.40	25.978
Canned	6.602	1.40	9.243
TOTAL			35.825

Source: China Customs

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				CHIN	IA RE	TAIL	BEEF	PRIC	CES (R	MB/K	G, US	SD1= I	RMB8.27)
			1997			1998				1999			Chg 98-99
Provinces	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Dec-Dec
NAT'L AVG 1/	14.84	14.43	14.20	13.51	13.87	13.31	13.24	13.01	13.47	12.72	12.61	12.76	-1.9%
Beijing	17.00	16.00	15.40	13.67	12.60	13.67	13.27	13.00	11.60	14.00	13.00	13.47	3.6%
Tianjin	14.17	14.63	14.00	12.80	13.15	12.87	12.53	12.30	11.53	12.00	13.25	12.15	-1.2%
Hebei	13.67	13.64	13.27	12.38	12.84	12.84	13.32	12.56	12.44	12.44	12.95	12.00	-4.5%
Shanxi	14.00	14.50	13.53	12.37	15.18	15.42	15.55	13.63	13.89	12.73	12.73	13.61	-0.1%
Inner Mongolia	12.34	12.17	11.56	11.60	12.29	12.15	n/a	11.60	13.33	12.00	12.10	12.41	<b>7.0</b> %
Liaoning	13.64	14.20	13.60	12.83	13.58	13.41	13.30	13.05	13.91	13.68	13.82	13.27	1.7%
Jilin	13.50	13.33	14.00	n/a	12.00	12.00	13.00	13.30	13.78	n/a	13.70	13.00	-2.3%
Heilongjiang	15.60	12.60	13.64	11.50	12.80	13.60	13.00	12.50	13.00	13.50	12.50	13.00	4.0%
Shanghai	18.00	n/a	n/a	16.00	n/a	n/a	n/a	12.00	17.33	16.00	n/a	18.00	50.0%
Jiangsu	14.56	15.17	15.71	15.82	15.42	14.38	15.20	14.90	16.67	14.46	13.50	14.00	-6.0%
Zhejiang	19.18	18.40	16.89	16.89	17.21	16.25	16.60	16.31	16.08	16.67	15.06	15.97	-2.1%
Anhui	12.77	12.33	13.00	12.06	12.33	11.71	12.86	12.70	12.07	11.00	12.07	12.51	-1.5%
Fujian	19.80	19.33	18.86	15.00	13.50	12.00	n/a	15.00	15.29	13.13	14.13	15.63	4.2%
Jiangxi	14.97	13.80	14.22	13.44	13.77	12.00	13.00	12.85	14.71	11.00	12.00	12.77	-0.6%
Shandong	12.59	12.53	12.83	12.62	12.33	11.90	12.29	12.31	12.37	11.52	12.34	11.91	-3.2%
Henan	12.25	12.13	12.79	12.41	12.66	12.62	13.06	12.11	12.82	13.07	14.42	13.09	8.1%
Hubei	13.36	13.21	13.03	12.46	12.68	11.93	11.87	11.57	12.11	10.91	11.44	11.91	2.9%
Hunan	16.45	15.03	15.29	13.56	13.92	12.17	13.08	13.05	13.48	11.71	12.13	12.67	-2.9%
Guangdong	22.08	20.42	19.34	20.17	18.00	18.93	18.45	14.12	17.56	16.11	16.33	16.73	18.5%
Guangxi	15.12	14.52	14.28	13.70	13.56	13.20	12.47	12.38	12.08	11.38	11.33	11.57	-6.5%
Hainan	16.70	14.50	15.00	14.11	15.38	14.70	14.50	19.00	12.77	11.50	13.36	13.90	-26.8%
Sichuan												10.57	-6.4%
Guizhou	14.00	13.24	14.64	12.67	13.67	14.00	11.88	n/a	14.00	11.00	10.89	11.54	n/a
Yunnan									14.77	14.22	13.74	13.84	-7.8%
Tibet	n/a	n/a	n/a	n/a	n/a								
Shaanxi	13.12	13.00	13.06	12.72	12.50	13.38	14.70	13.14	13.20	13.29	13.00	11.75	-10.6%
Gansu	13.59	14.10	13.00	11.63	13.14	13.49	12.90	12.38	12.63	13.38	12.40	11.69	-5.6%
Qinghai	20.00					14.03						11.10	
Ningxia			14.00	12.00						_		12.30	
Xinjiang		18.00								_		13.25	
Chongqing		13.14										11.37	n/a
Source: MOA								•	-			-	

Source: MOA

1/ The national average price is based on the average price of all the counties selected for sampling survey.

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## **Swine and Pork**

PSD Table										
Country	China, Peoples Republic of									
Commodity	Animal Nu	nbers, Swin	ie.		(1000 HE	(1000 HEAD)				
	Revised	1998	Preliminary	1999	Forecast	2000				
	Old	New	Old	New	Old	New				
Market Year Begin		01/1998		01/1999		01/2000				
TOTAL Beginning Stocks	388965	400348	396000	422563	397000	427000				
Sow Beginning Stocks	31000	32000	30500	32500	31000	32500				
Production (Pig Crop)	485000	528000	488000	515000	510000	540000				
Intra EC Imports	0	0	0	0	0	0				
Other Imports	4	4	3	2	3	2				
TOTAL Imports	4	4	3	2	3	2				
TOTAL SUPPLY	873969	928352	884003	937565	907003	967002				
Intra EC Exports	0	0	0	0	0	0				
Other Exports	2204	2204	2000	1961	2000	2000				
TOTAL Exports	2204	2204	2000	1961	2000	2000				
Sow Slaughter	0	0	0	0	0	0				
OTHER SLAUGHTER	475000	502151	484000	507500	495000	530000				
Total Slaughter	475000	502151	484000	507500	495000	530000				
Loss	765	1434	1003	1104	<b>503</b>	1002				
Ending Inventories	396000	422563	397000	427000	409500	434000				
TOTAL DISTRIBUTION	873969	928352	884003	937565	907003	967002				
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0				
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0				

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PSD Table										
Country	China, Peoples Republic of									
Commodity	Meat, Swine (1000 MT CWE)(1000 HEAD)									
	Revised	1998	Preliminar	1999	Forecast	2000				
			y							
	Old	New	Old	New	Old	New				
Market Year Begin		01/1998		01/1999		01/2000				
Slaughter (Reference)	475000	502151	484000	507500	495000	530000				
Beginning Stocks	0	0	0	0	0	0				
Production	36180	38837	36788	39250	37890	40500				
Intra EC Imports	0	0	0	0	0	0				
Other Imports	41	41	48	80	50	60				
TOTAL Imports	41	41	48	80	50	60				
TOTAL SUPPLY	36221	38878	36836	39330	37940	40560				
Intra EC Exports	0	0	0	0	0	0				
Other Exports	164	164	100	119	100	100				
TOTAL Exports	164	164	100	119	100	100				
Human Dom. Consumption	36057	38714	36736	39211	37840	40460				
Other Use, Losses	0	0	0	0	0	0				
TOTAL Dom.	36057	38714	36736	39211	37840	40460				
Consumption										
Ending Stocks	0	0	0	0	0	0				
TOTAL DISTRIBUTION	36221	38878	36836	39330	37940	40560				
Calendar Yr. Imp. from U.S.	0	10	0	9	0	10				
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0				

#### Swine and Pork Situation and Outlook

In the first half of 1999, hog farmers in China faced a difficult market. Prices dropped sharply to hit a low of about .5 RMB (\$.60) per kilo last summer. This was down from over .65 RMB (\$.80) in late 1998, which was in turn down from over 8 RMB (\$.96) in the last half of 1997. Farmers cut back on new farrowings so that government analysts now estimate the herd increased only 1 percent in 1999, down sharply from previous years' growth. The Government has also revised beginning 1998 inventories up 3 percent.

The last half of 1999 saw industry prospects improve. Probably in response to a reduced supply and to a somewhat better demand as the general economy improved, live hog prices have rebounded over recent months to above .6 RMB (\$.72) per kilo. At the same time lower corn and protein meal prices have pushed feed prices down 15 percent from 1998 levels. So margins have definitely improved but they are still well short of where they were in 1997.

With these improved conditions, the growth of the Chinese swine herd will probably accelerate in 2000. If the general

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economy improves very quickly, farmers, who held back expanding over the last year, may not be able to keep up with demand and prices may be pushed up further despite lower feed costs.

With China's prospects for the general economy looking better, it seems likely that Chinese pork production should maintain greater than 3 percent annual growth over the next 3 to 5 years. This is in line with growth before 1999, and reflects the trend for increasingly more wealthy Chinese to increase their still relatively low per capita meat consumption. A gradual long-term shift to leaner pork will also continue. However, the traditional backyard operations, which typically produce the fatter animals, will very likely, in five years, still account for over 70 percent of Chinese pork production.

#### Trade

Adding official Chinese import statistics with official Hong Kong re-export numbers, China's 1999 imports of pork nearly doubled the 1998 number, About one-fourth of the total came by way of Hong Kong re-exports. Unfortunately these numbers do not agree with export statistics of other countries and industry perception. It is possible that a good portion of the official numbers could be offal rather than muscle meat. At any rate, it is important to keep this in the proper perspective. Even given official numbers, total muscle meat imports still account for less than 1/4 of 1 percent of total consumption, and the general consensus in the industry is that domestic suppliers will continue to have little difficulty meeting almost all domestic demand.

China's likely upcoming entry into the WTO should do nothing to alter the import situation significantly. The lowering of tariffs following entry will only cover frozen pork and will initially be very small (from 20 to 18.4 percent). Even in four years, at the conclusion of China's accession agreement, the tariff on frozen pork will have fallen only to 12 percent. For United States pork exports, the Chinese have agreed, in connection with their WTO accession, to accept USDA/FSIS certification of meat safety. This should make it somewhat easier for U.S. exporters who have in the past had to obtain plant by plant certification for meat exports to China.

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China's Live Swine Imports by Origin (Number of Head)										
ORIGIN	1996	1997	1998	1999						
U.K.	90	669	0	614						
Denmark	352	229	532	374						
United States	0	0	252	276						
Canada	390	395	897	214						
France	0	0	0	150						
Vietnam	825	11,400	2,360	0						
Other	302	49	86	187						
TOTAL	1,959	12,742	4,127	1,815						

**Source: China Customs** 

HS Codes: 0103.1000, 0103.9110, 0103.9120 and 0103.9200

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China's Live Swine Exports by Destination (Number of Head)											
DESTINATION	1996	1997	1998	1999							
Hong Kong	2,248,583	2,125,562	2,046,059	1,821,306							
Macau	162,360	155,085	157,651	139,623							
Others	355	0	405	321							
TOTAL	2,411,298	2,280,647	2,204,115	1,961,250							

Source: China Customs

Hs Codes: 0103.1000, 0103.9110, 0103.9120 and 0103.9200

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Chin	a's Fresh, Chilled (Mo	and Frozen Por etric Tons)	k Imports by C	)rigin	
Country	1996	1997	1998	1999	
Canada	1,055	2,163	2,341	12,826	
Netherlands	0	0	0	12,152	
Denmark	0	0	1,325	12,148	
United Kingdom	0	0	1,652	9,158	
United States	264	556	7,746	8,207	
France	0	0	1,323	1,858	
Others	377	39	1,402	2,072	
TOTAL	1,696	2,758	15,789	58,421	

**Source: China Statistics** 

HS Codes: 0203.1110, 0203.1190, 0203.1200, 0203.1900, 0203.2110, 0203.2190,

0203.2200 and 0203.2900

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China's 1999 Total Import Of Fresh, Chilled, Frozen and Canned
Pork
(Excluding HK Re-Exports) (1,000 MT)

	Quantity	Conversion	Quantity
		Factor	<b>Carcass Basis</b>
Frsh, Chld, Frzn	58.421	1.0	58.421
Canned	0.314	1.2	0.377
TOTAL			58.798

Source: China Customs

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CHINA'S DIRECT AND INDI	RECT OFFICIA	L IMPORTS
PORK MEAT A	ND OFFAT 19	99
	ric Tons)	
·	Direct	Re-exports
	Imports	to China
Country of Origin	to China 1/	from HK 2/
	(Thru 4th Qtr)	(Thru 3rd Qtr)
MEAT		
Netherlands	12,152	6,692
Canada	12,826	3,691
Denmark	12,148	1,661
United Kingdom	9,158	1,167
United States	8,207	724
Germany	0	2,469
France	1,858	289
Belgium	978	289
Others	1,094	798
Total Pork Imports	58,421	17,780
OFFAL		
U.S.	36,109	24,951
Netherlands	7,026	18,766
Denmark	13,402	10,927
Canada	7,233	9,017
United Kingdom	3,981	7,840
France	2,346	3,347
Germany	303	4,100
Brazil	1,359	1,123
Others	1,942	4,841
Total Pork Offal Imports	73,701	84,912
TOTAL PORK & PORK OFFAL	132,122	102,692
1/ Source: China Customs, 2/ Sou	•	· · · · · · · · · · · · · · · · · · ·
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China's Fresh, Chilled and Frozen Pork Exports by Destination (Metric Tons)										
Destination	1996	1997	1998	1999						
Hong Kong	20,405	31,215	29,146	35,689						
Russia	98,746	60,844	68,618	11,306						
Singapore	3,497	3,726	2,450	2,746						
Macau	3,196	2,728	2,463	1,986						
Korea, DPR	915	1,118	649	635						
Slovenia	762	260	120	0						
Others	1,841	3,495	1,529	1,381						
TOTAL	129,362	103,386	104,975	53,743						

Source: China Customs

HS Codes: 0203.1110, 0203.1190, 0203.1200, 0203.1900, 0203.2110,

0203.2190, 0203.2200 and 0203.2900 (f:\shared\lotus\lvstk\fcfpexds.wk4)

China's 1999 Total E Pork	•		and Canned									
(Exclud	(Excluding HK Re-Exports) (1,000 MT)											
	Quantity	Conversion	Quantity									
		Factor	Carcass Basis									
Frsh, Chld, Frzn	53.743	1.00	53.743									
Canned	54.509	1.20	65.411									
TOTAL			119.154									

Source: China Customs

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	CHINA'S RETAIL HOG PRICES (RMB/KG, USD1=RMB8.27)												
		1997				1998				1999			Chg 98/99
PROVINCE	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Dec-Dec
AVERAGE 1/	8.53	8.24	8.68	8.24	7.53	5.99	6.78	6.63	5.53	4.89	6.20	6.12	-7.7%
Beijing	9.40	8.97	10.05	9.57	8.16	6.00	7.53	7.25	4.60	6.80	7.73	6.40	-11.7%
Tianjin	9.50	9.50	9.67	9.45	7.58	6.40	7.80	7.30	5.27	4.70	7.13	5.83	-20.1%
Hebei	8.32	8.44	8.79	8.29	6.94	5.18	6.90	6.00	3.85	4.11	6.08	5.17	-13.8%
Shanxi	8.47	8.79	9.07	8.61	7.74	5.79	7.11	6.93	4.55	4.43	6.38	5.75	-17.0%
Inner Mongolia	7.40	7.55	7.76	7.53	7.64	5.72	5.20	7.09	5.73	4.80	6.45	6.81	-3.9%
Liaoning	8.55	8.83	8.76	9.59	7.08	5.33	7.30	6.54	3.93	3.84	6.15	5.15	-21.3%
Jilin	8.60	8.15	8.90	n/a	7.80	5.60	7.47	6.77	4.56	n/a	8.06	5.20	-23.2%
Heilongjiang	9.60	8.20	8.44	8.40	7.67	6.20	7.52	7.25	4.50	4.60	6.40	4.90	-32.4%
Shanghai	9.32	8.40	8.60	9.58	7.50	6.95	7.70	6.20	6.43	5.70	7.35	7.73	24.7%
Jiangsu	8.47	7.47	8.77	8.30	6.75	5.16	6.47	5.75	4.77	4.09	5.87	5.65	-1.7%
Zhejiang	10.06	9.39	9.69	9.32	8.04	6.25	7.61	6.80	5.98	5.41	6.93	6.91	1.6%
Anhui	9.19	8.58	9.02	9.00	7.98	5.79	6.74	6.52	5.79	4.48	6.56	6.57	0.8%
Fujian	9.74	9.47	9.24	9.40	9.35	7.60	7.73	8.36	7.00	6.20	7.14	7.68	-8.1%
Jiangxi	8.83	8.39	9.47	8.63	7.77	6.19	6.41	6.37	6.01	4.63	6.18	6.63	
Shandong	8.95	8.33	8.95	8.33	6.98	5.53	6.74	6.01	4.30	4.13		5.45	-9.3%
Henan	8.73	7.99	8.49	8.32	7.07	4.70	6.56	5.99	4.50	4.13	5.85	5.78	-3.5%
Hubei	8.93	8.38	8.65	8.53	7.73	5.56	6.72	6.51	5.89	4.66	6.75	6.02	-7.5%
Hunan	8.38	8.28	8.25	7.87	7.27	6.00	6.41	6.44	5.82	4.87	6.22	6.50	
Guangdong	10.67	9.76	9.83	9.77	9.38	7.47	7.57	7.71	7.35	6.37	7.33	7.46	-3.2%
Guangxi	8.98	8.52	8.34	7.68	7.36	6.29	6.28	6.53	6.16	5.68	6.04	6.38	-2.3%
Hainan	11.28	12.00	11.03	9.75	9.96	8.94	8.60	10.25	9.10	7.90	8.71	8.90	
Sichuan	7.29	7.55	7.91	7.30	7.04	5.25	5.75	5.66	5.45	4.05	5.05	5.27	-6.9%
Guizhou	7.85	8.04	8.23	7.73	8.53	8.00	7.09	n/a	8.80	5.63	5.92	6.13	n/a
Yunnan	7.59	7.84	8.04				7.33	7.26	6.99	6.17	6.21	6.39	-12.0%
Tibet	n/a	n/a	n/a	n/a	n/a		n/a		n/a	n/a		n/a	n/a
Shaanxi	7.59	7.53	8.14	8.14	7.20	5.53	6.72	6.64	4.84	4.37	5.32	4.83	
Gansu	7.09		8.07				6.64		5.24				
Qinghai	10.50	n/a	n/a		n/a		n/a		7.43			7.77	
Ningxia	7.13						6.73					5.10	
Xinjiang			10.00			11.00							
Chongqing	n/a		7.53		6.68		n/a		5.81	4.36			
Source MOA	,-												

Source: MOA

1/ The national average price is based on the average price of all the counties selected for sampling survey.

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CHINA'S RETAIL PORK PRICES (RMB/KG, USD1=RMB8.27)													GI 60/65
		1997	~			1998			7.5	1999			Chg 98/99
Provinces	Mar		_			Jun	•			Jun	_		
NAT'L AVG 1/	13.9			13.44								10.54	
Beijing				13.67				10.50			11.33		
Tianjin				15.26				11.00			10.25		
Hebei				13.38				10.61	7.38		10.51		-9.8%
Shanxi	15.01	14.91	14.71	13.77	13.22	9.00	11.95	11.23	8.05	7.54	10.51	9.68	-13.8%
Inner Mongolia	12.03	12.30	12.50	12.32	12.44	10.24	8.60	11.59	9.53	7.67	9.72	9.30	-19.8%
Liaoning	13.41	14.39	14.28	13.63	12.27	9.30	12.08	11.40	7.52	6.91	10.86	9.28	-18.6%
Jilin	14.25	13.78	16.00	n/a	12.50	9.75	12.33	11.01	7.59	n/a	10.08	9.36	-15.0%
Heilongjiang	12.86	12.80	13.12	12.95	12.20	10.16	11.88	11.63	9.35	6.75	8.75	8.95	-23.0%
Shanghai	17.85	18.00	18.00	19.00	17.75	14.80	15.65	14.00	12.95	12.25	14.25	14.53	3.8%
Jiangsu	14.84	14.50	14.81	14.18	12.86	10.10	12.20	10.94	9.71	8.37	11.36	12.50	14.3%
Zhejiang	16.08	15.48	15.23	14.86	13.80	10.97	13.05	11.59	9.26	8.28	11.15	11.44	-1.3%
Anhui	15.43	14.62	15.17	14.75	13.53	10.24	11.85	11.54	10.50	7.75	11.53	11.31	-2.0%
Fujian	15.20	16.33	14.60	15.00	13.50	13.00	14.00	13.26	12.20	10.69	11.68	11.75	-11.4%
Jiangxi	13.90	13.66	14.13	13.98	12.43	10.82	11.49	11.37	10.80	8.83	11.21	11.41	0.4%
Shandong	15.06	14.18	14.98	13.93	12.29	9.22	11.58	10.97	8.13	7.31	10.56	10.28	-6.3%
Henan	14.09	13.46	14.04	13.79	12.52	8.49	11.11	10.60	8.53	7.62	10.08	10.65	0.5%
Hubei	14.25	14.42	14.66	14.42	13.65	10.21	11.75	11.40	10.82	8.99	11.93	11.69	2.5%
Hunan	13.44	13.62	13.30	12.93	12.19	9.97	11.15	10.99	10.27	9.05	11.32	11.04	0.5%
Guangdong	16.88	15.24	14.84	14.77	13.74	13.46	13.38	13.58	13.65	11.26	11.29	12.59	
Guangxi												11.53	
Hainan												12.80	
Sichuan				12.04									
Guizhou				11.77					13.00				
Yunan				12.76									
Tibet	n/a								n/a	n/a			n/a
Shaanxi	<u> </u>			12.89							10.00		
Gansu				12.69							10.26		
Qinghai	13.50					13.75			11.70			11.40	
Ningxia				10.00								9.50	
Xinjiang				17.00				14.00					
Chongqing				12.28					10.57	7.93			
Source: MOA	AL 4	1~.01	10.07	_~,~0	11.07	AE/ 44	A1/ 41	11/ <b>Q</b> L	_0.07		0.07	J. UI	II/ (I

1/ The national average price is based on the average price of all the counties selected for sampling survey.

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	СН	INA R	RETAI	L PIG	LET	PRICE	ES (RN	AB/KC	G, USI	)1= R	MB8.2	7)	
		1997				1998				1999			Chg 98/99
PROVINCES	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Mar	Jun	Sep	Dec	Dec-Dec
AVERAGE 1/	12.76	14.04	15.01	14.20	12.84	8.09	8.20	8.50	6.42	4.84	6.82	7.11	-16.4%
Beijing	14.00	18.50	18.00	17.67	14.50	8.00	8.20	10.13	7.60	5.00	5.60	5.80	-42.7%
Tianjin	12.33	14.30	15.00	16.25	11.85	6.13	10.07	10.00	7.20	4.80	6.80	6.50	-35.0%
Hebei	12.87	15.01	17.64	14.60	11.79	5.72	7.43	5.91	3.58	3.64	6.13	5.37	-9.1%
Shanxi	16.10	22.18	18.86	21.86	20.83	13.20	12.34	13.00	6.81	4.48	7.39	6.81	- <b>47.6</b> %
Inner Mongolia	13.38	15.11	14.29	18.33	19.43	12.88	n/a	10.64	10.00	5.60	7.93	7.25	-31.9%
Liaoning	13.49	20.07	21.18	20.50	15.45	7.28	9.59	9.49	5.05	3.27	6.49	5.35	-43.6%
Jilin	12.50	13.67	19.35	n/a	14.50	8.50	9.33	9.63	6.22	n/a	7.22	5.91	-38.6%
Heilongjiang	12.50	14.95	18.40	15.75	18.16	12.08	12.00	11.75	8.00	4.60	6.10	5.20	- <b>55.7</b> %
Shanghai	10.48	11.00	18.00	12.20	7.60	6.00	7.60	7.00	6.48	5.70	7.70	8.25	17.9%
Jiangsu	10.23	10.59	13.58	11.95	8.31	5.17	6.08	5.24	3.89	2.82	5.86	4.70	-10.3%
Zhejiang	11.35	11.61	12.60	10.96	8.29	6.45	7.70	6.43	5.21	3.96	6.65	6.97	8.4%
Anhui	13.74	14.47	17.00	16.75	13.32	6.76	6.96	7.45	6.03	4.20	6.53	7.47	0.3%
Fujian	12.34	13.17	13.20	12.50	12.00	6.70	6.90	13.22	7.11	6.29	8.45	8.74	-33.9%
Jiangxi	13.30	13.69	15.07	13.04	10.87	7.07	6.71	6.62	6.37	4.40	7.25	8.11	22.5%
Shandong	11.44	11.95	13.41	10.14	8.56	5.52	6.73	6.24	4.11	3.14	5.29	5.61	-10.1%
Henan	14.22	14.47	17.53	16.12	12.37	6.29	7.26	6.91	4.50	3.37	5.58	7.11	2.9%
Hubei	15.92	15.99	18.58	18.92	17.53	7.38	7.81	8.18	6.75	3.66	7.56	7.48	-8.6%
Hunan	12.73	13.84	14.81	13.60	11.49	7.17	6.91	7.01	6.22	4.19	6.49	7.29	4.0%
Guangdong	13.08	13.94	13.54	11.57	9.84	7.04	6.92	6.95	7.30	6.09	7.82	7.97	14.7%
Guangxi	11.17	11.86	12.07	10.32	8.39	6.94	6.56	6.43	5.74	5.55	6.71	6.90	7.3%
Hainan	13.12	13.00	13.30	12.00	11.07	10.37	9.25	8.50	10.10	8.25	9.45	9.78	15.1%
Sichuan	10.01	10.09	11.20	11.45	11.00	7.61	7.37	7.78	7.30	4.09	5.20	6.02	<b>-22.6</b> %
Guizhou	11.90	11.36	12.42	12.97	13.67	12.10	9.88	n/a	9.80	6.57	6.63	6.66	n/a
Yunnan	10.55	10.92	11.98	12.55	14.02	11.89	10.92	11.47	11.08	8.25	7.66	8.07	- <b>29.6</b> %
Tibet	n/a	n/a	n/a	n/a	n/a	n/a	n/a						
Shaanxi	15.11	15.80	16.25	17.07	19.13	9.71	10.29	10.93	8.38	3.55	4.86	5.20	- <b>52.4</b> %
Gansu	12.57	14.75	17.15	15.72	18.01	13.44	12.42	12.39	9.88	4.86	6.61	7.93	-36.0%
Qinghai	18.00	n/a	n/a	n/a	n/a	13.00	n/a	n/a	19.80	10.83	7.56	9.10	n/a
Ningxia	15.00	18.50	19.33	17.00	17.00	11.33	13.00	8.33	4.00	4.00	5.33	9.00	8.0%
Xinjiang	16.00	18.00	18.33	20.00	n/a	14.50	13.00	12.50	n/a	10.50	11.00	11.00	<b>-12.0</b> %
Chongqing	n/a	7.77	7.53	15.14	14.17	n/a	n/a	n/a	8.89	4.64	5.43	7.06	n/a
Source: MOA													<del></del>

Source: MOA

1/ The national average price is based on the average price of all the counties selected for sampling survey.

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# **Sheep and Mutton**

PSD Table						
Country	China, Peo	ples Republi	ic of			
Commodity	Animal Nu	nbers, Shee	p		(1000 HE	AD)
	Revised	1998	Preliminary	1999	Forecast	2000
	Old	New	Old	New	Old	New
Market Year Begin		01/1998		01/1999		01/2000
TOTAL Beginning Stocks	255560	255757	280000	269035	310000	272000
Ewes, Beginning Stocks	127780	125000	140000	130000	155000	140000
Production (Lamb Crop)	200000	190000	215000	196000	240000	210000
Intra EC Imports	0	0	0	0	0	0
Other Imports	0	0	0	0	0	0
TOTAL Imports	0	0	0	0	0	0
TOTAL SUPPLY	455560	445757	495000	465035	550000	482000
Intra EC Exports	0	0	0	0	0	0
Other Exports	12	12	10	13	10	10
TOTAL Exports	12	12	10	13	10	10
Ewe Slaughter	0	0	0	0	0	0
Lamb Slaughter	0	0	0	0	0	0
Other Slaughter	175000	176500	184000	192500	200000	200000
TOTAL Slaughter	175000	176500	184000	192500	200000	200000
Loss	548	210	990	522	990	6990
Ending Inventories	280000	269035	310000	272000	349000	275000
TOTAL DISTRIBUTION	455560	445757	495000	465035	550000	482000
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

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PSD Table						
Country	China, Peo	ples Republi	ic of			
Commodity	Meat, Lam	b, Mutton a	nd Goat (1	1000 MT C	WE)(1000 I	HEAD)
	Revised	1998	Preliminary	1999	Forecast	2000
	Old	New	Old	New	Old	New
Market Year Begin		01/1998		01/1999		01/2000
Slaughter (Reference)	175000	176500	184000	192500	200000	200000
Beginning Stocks	0	0	0	0	0	0
Production	2412	2346	2453	2560	2565	2650
Intra EC Imports	0	0	0	0	0	0
Other Imports	9	9	10	11	10	10
TOTAL Imports	9	9	10	11	10	10
TOTAL SUPPLY	2421	2355	2463	2571	2575	2660
Intra EC Exports	0	0	0	0	0	0
Other Exports	9	9	6	6	6	6
TOTAL Exports	9	9	6	6	6	6
<b>Human Dom. Consumption</b>	2412	2346	2457	2565	2569	2654
Other Use, Losses	0	0	0	0	0	0
TOTAL Dom.	2412	2346	2457	2565	2569	2654
Consumption						
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	2421	2355	2463	2571	2575	2660
Calendar Yr. Imp. from U.S.	0	0	0	0	0	0
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

#### **Sheep and Goats Situation and Outlook**

Prices for mutton stayed low throughout most of 1999. They were on average slightly lower than in 1998 which in turn were lower than 1997 prices. Prices are now approximately 10 percent below 1997 levels and Government analysts say this is now being reflected in inventory numbers. They estimate that the 1999 ending inventory was up only 1 percent over the 1998 number-- well down from increases of previous years.

Higher slaughter rates, resulting from previous years inventory increases kept meat production growth at nearly 9 percent. In 2000, slower growth in inventories should begin to show up in lower meat output. However, meat production increases should still outstrip inventory growth as the production cycle runs its course. It also appears that a longer term trend to slaughtering at an earlier age may also be contributing to the differing growth rates.

The longer term trend for sheep and goats in China is hard to determine. Lower inventory levels should in combination with an improving economy in China, help push up prices in coming years which should lead to a more rapid increase in inventories than currently is occurring. Data is poor but it appears the industry has a 3 to 5 year cycle which would

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mean that the next couple of years should be fairly good ones for the industry. However, sheep and goat meat currently only account for about 4 percent of total meat consumption in China. With very little lamb produced, Chinese tend not to think of sheep and goat meat as high quality. As incomes improve there very well could be a tendency to eat less sheep and goat meat in favor of pork, chicken, and beef.

	China's Live Sheep and Goat Exports by Destination (Number of Head)								
DESTINATION	1996	1997	1998	1999					
Nepal	6,525	7,605	5,405	5,408					
Hong Kong	7,620	6,754	6,184	4,349					
Macau	0	0	173	2,797					
Saudi Arabia	32,660	0	0	0					
Others	0	107	480	898					
TOTAL	46,805	14,466	12,242	13,452					

Source: China Customs

HS Codes: 0104.1010, 0104.1090, 0104.2010 and 0104.2090

(f:\shared\lotus\lvstk\shpexdes.wk4)

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Fresh, Chilled and Frozen Mutton Imports by Destination (Metric Tons)									
ORIGIN	1996	1997	1998	1999					
New Zealand	2,915	4,000	8,987	9,882					
Australia	374	43	175	543					
United States	72	3	6	9					
Others	56	5	26	8					
TOTAL	3,417	4,051	9,194	10,442					

**Source: China Customs** 

HS Codes: 0204.1000, 0204.2100, 0204.2200, 0204.2300

0204.3000, 0204.4100, 0204.4200, 0204.4300, 0204.5000

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ļ	1999 Total Import Of Fresh, Chilled, Frozen And Canned Mutton by Origin
ļ	(Excluding HK Re-Exports) (1,000 MT)

	Quantity	Conversion	Quantity
		Factor	Carcass Basis
Frsh, Chld, Frzn, carcass	9.930	1.0	9.930
Frsh, Chld, Frzn, boneless 1/	0.512	1.2	0.614
Canned	0.048	1.2	0.058
TOTAL			10.602

1/ Conversion factor is the average factor of boneless sheep and goat

**Source: China Customs** 

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China's Fresh, Chilled and Frozen Mutton Exports by Destination (Metric Tons)								
DESTINATION	1996	1997	1998	1999				
Hong Kong	744	878	2,174	2,948				
Macau	174	185	237	221				
U.A.E.	45	132	102	34				
Saudi Arabia	0	46	0	25				
Others	106	66	326	231				
TOTAL	1,069	1,307	2,839	3,459				

**Source: China Customs** 

HS Codes: 0204.1000, 0204.2100, 0204.2200, 0204.2300

0204.3000, 0204.4100, 0204.4200, 0204.4300, 0204.5000

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# China's 1999 Total Exports Of Fresh, Chilled, Frozen and Canned Mutton by Destination (Excluding HK Re-Exports) (1,000 MT)

	Quantity	Conversion	Quantity
		Factor	<b>Carcass Basis</b>
Frsh, Chld, Frzn, carcass	3.439	1.0	3.439
Frsh, Chld, Frzn, boneless	0.021	1.2	0.025
Canned		1.2	0.000
TOTAL			3.464

Source: China Customs

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CHINA RETAIL MUTTON PRICES (RMB/KG, USD1=RMB8.27)												GI 00/00	
			1997	_		1998				1999		_	Chg 98/99
Provinces	Mar	Jun		Dec						Jun	_	Dec	Dec-Dec
AVERAGE 1/												14.69	
Beijing												15.33	
Tianjin												13.38	
Hebei												13.66	
Shanxi	_							14.00				-	-8.4%
Inner Mongolia	11.51	12.60	10.48	10.27	11.55	13.12	11.00	10.64	12.33	11.91	12.16	11.59	8.9%
Liaoning	16.64	17.32	16.45	15.70	16.27	16.00	15.49	14.92	15.65	15.78	15.62	15.18	1.7%
Jilin	16.75	16.00	17.00	n/a	16.00	<b>15.00</b>	16.00	15.67	17.25	n/a	14.30	15.89	1.4%
Heilongjiang	16.80	14.10	<b>15.40</b>	14.00	12.00	14.40	13.33	11.53	13.00	14.50	14.00	13.50	17.1%
Shanghai	18.00	n/a	n/a	17.00	19.00	n/a	19.00	n/a	18.30	16.00	16.00	17.50	n/a
Jiangsu	14.23	13.50	14.00	13.86	13.26	13.15	14.00	14.28	14.75	13.33	13.95	16.00	12.0%
Zhejiang	19.67	15.33	14.83	19.23	20.86	13.37	15.00	19.84	16.82	14.67	14.33	17.40	-12.3%
Anhui	11.33	11.00	11.50	13.25	12.50	14.50	13.50	13.30	13.25	14.00	13.50	13.40	0.8%
Fujian	26.50	20.00	24.25	24.67	21.00	20.00	24.33	24.40	22.67	20.00	21.00	22.33	-8.5%
Jiangxi	18.00	20.00	20.00	17.20	18.00	13.60	14.00	15.00	17.75	n/a	18.00	16.38	9.2%
Shandong											14.58	15.30	
Henan								14.68					-7.2%
Hubei								13.38					-11.5%
Hunan								14.47					5.4%
Guangdong												19.75	
Guangxi								18.47					-4.1%
Hainan								28.00					-11.0%
Sichuan								11.61					4.6%
Guizhou			22.75				18.27					14.67	
Yunnan												13.38	
Tibet	n/a											1	n/a
Shaanxi												13.33	
Gansu												11.79	
Qinghai	12.50					14.28						10.00	
Ningxia												10.60	
Xinjiang			13.50									13.50	
Chongqing			11.25									<b>12.10</b>	
Source: MOA	11/ CL	1~.00	11.60	±~.00	11.00	ıı/a	11/ A	11/ CL	1≈.00	11.1/	0.00	1~.10	11/ (1

1/ The national average price is based on the average price of all the counties selected for sampling survey.

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# **Hides and Shins**

PSD Table						
Country:	China, Peop	les Republic	of			
Commodity:	Hides & Ski	ns, Bovine				
		1998		1999		2000
	Old	New	Old	New	Old	New
Calendar Year Begin		01/1998		01/1999		01/2000
Beginning Stocks	0	0	0	0	0	0
Production In MT	357	408	363	433	380	458
Production In Pieces		31,000		32,500		34,500
Intra EC Imports	0	0	0	0	0	0
Other Imports	512	512	520	634	525	650
TOTAL Imports	512	512	520	634	525	650
TOTAL SUPPLY	869	920	883	1,067	905	1,108
Intra EC Exports	0	0	0	0	0	0
Other Exports	63	63	70	63	70	70
TOTAL Exports	63	63	70	63	70	70
Domestic Consumption	806	857	813	1,004	835	1,038
Ending Stocks	0	0	0	0	0	0
TOTAL DISTRIBUTION	869	920	883	1,067	905	1,108
Calendar Yr. Imp. from U.S.	264	264	280	324	285	330
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

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#### **Hides and Skins**

#### Production

The Chinese government does not publish official statistics on the production of bovine hides and skins. The production data in the PS&D were estimated based on cattle production data assuming a 5 percent yield from slaughter weights. The China Leather Industry Association estimated that China's bovine leather industry output in 1997 was over 30 million standard sheets.

Over 70 percent of China's leather producing enterprises are located in east and central China. Most of the enterprises are small in scale and labor-intensive. The majority are collective enterprises, while the remainder include foreign-invested and state-owned enterprises. The industry suffers from a lack of technology and high quality raw materials. The resulting hides are irregular in shape with abrasions and a rough grain. The demand for high quality hides in China's finished leather products industry far exceeds supply, necessitating imports.

#### Consumption

China is a major exporter of finished leather products, which are generally produced from imported hides. China's hide imports therefore correlate strongly with export demand for its finished leather products. Domestic demand for high quality leather products currently is small, however it is growing as Chinese incomes increase. For an in-depth report on the China market for hides and skins, see report CH8055.

#### Trade

PS&D trade data in this report include data for raw hides, leather and wet blues. Trade data tables also include reexports from Hong Kong, which are significant. However, the trade data in the PS&D do not include Hong Kong reexports due to the different units of volume used by Hong Kong Customs. There is also the possibility of duplicate counting of hides that enter China through Hong Kong. Post believes that much of the re-export trade from Hong Kong enters China through gray channels.

The value of hide imports exceeded \$1 billion in 1999 according to industry sources. Trade data provide support for this estimate, as China Customs reported approximately \$650 million in imports and Hong Kong Customs reported about \$1.05 billion in re-exports from Hong Kong. Post estimates that total imports in 1999 were between \$1.05-1.75 billion. (The low end assumes 100 percent double counting of direct and indirect imports and no under-invoicing. The high end assumes no double counting and no under-invoicing.) This represents a slight decrease from 1998, and was the result of falling leather prices. The price decrease was due to low international leather prices. The volume of hide imports, however, increased approximately 20 percent over 1998.

The U.S. market share of China's hide import market remained strong in 1999, reaching 25 percent by value. The U.S. share of raw hides imports was much larger than its share of leather imports. U.S. hides have a reputation for high quality in China. Some Chinese hide importers have expressed interest in forging closer ties with U.S. hide producers in order to circumvent costly middlemen in Taiwan and Hong Kong.

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		1997			1	1999 (Estimate)			
	Vol.	Value	raw hide/	Vol.	Value	raw hide/	Vol.	Value	raw hide/
	(TMT)	(\$mil)	Leather	(TMT)		Leather	(TMT)		Leather
			share (\$)			share (\$)			share (\$)
DIRECT WOR	LD								
Raw Hides	189	240	35%	204	239	39%	250	267	42%
Leather 1/	311	447	<b>65</b> %	308	375	61%	384	375	<b>58</b> %
DIRECT U.S.									
Raw Hides	78	140	66%	106	165	68%	125	171	66%
Leather 1/	146	72	34%	158	79	<b>32</b> %	199	89	<b>34</b> %
INDIRECT (HI	ORLD				(Estimate	)			
Raw Hides	53	45	4%	67	49	4%	83	58	<b>5</b> %
Leather 1/	n/a	1,144	96%	n/a	1,137	96%	n/a	1,058	95%
INDIRECT (H	J <b>.S.</b>				(Estimate)	)			
Raw Hides	20	23	13%	34	30	16%	36	30	17%
Leather 1/	n/a	148	<b>87</b> %	n/a	152	84%	n/a	143	83%
TOTAL WORI	L <b>D</b>						(Estimate	)	
Raw Hides	242	285	15%	271	288	16%	333	325	18%
Leather 1/	n/a	1,591	<b>85</b> %	n/a	1,512	<b>84</b> %	n/a	1,433	<b>82</b> %
TOTAL U.S.							(Estimate)	)	
Raw Hides	98	163	43%	140	195	46%	161	201	46%
Leather 1/	n/a	220	<b>57</b> %	n/a	231	54%	n/a	232	54%
U.S. SHARE									
Direct Imp	45%	31%		<b>52</b> %	40%		51%	40%	
Indirect Imp	n/a	14%		n/a	15%		n/a	16%	
Raw Hides	40%	<b>57</b> %		<b>52</b> %	68%		48%	62%	
Leather	n/a	14%		n/a	15%		n/a	16%	
Total	n/a	20%		n/a	24%		n/a	25%	

<sup>1/</sup> Leather includes wet blues

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China's Dire	ct Bovine Hi	des and Skins	s Imports,	1997-1999		
HS Tariff	19	97	1	998	199	<del>)</del> 9
Code	Volume	Value	Volume	Value	Volume	Value
Tariff #	(MT)	(US\$1,000)	(MT)	(US\$1,000)	(MT)	(US\$1,000)
Raw Hides						
4101.1000	31,772	29,337	21,756	17,294	18,140	10,123
4101.2100	112,596	193,832	141,219	207,356	175,590	238,435
4101.2200	599	229	176	84	21,419	6,231
4101.2900	37,248	13,528	36,682	12,382	29,061	9,524
4101.3000	6,534	3,153	4,522	2,261	6,144	2,433
Subtotal	188,749	240,079	204,355	239,378	250,354	266,746
Leather (incl	uding Wet B	lues)				
4104.1000	18,483	173,865	13,977	124,021	10,487	114,825
4104.2100	3,399	17,767	2,371	15,080	3,375	13,935
4104.2210	265,184	136,687	273,026	128,291	353,878	155,139
4104.2290	23,906	118,525	18,258	108,011	16,262	91,231
Subtotal	310,972	446,844	307,632	375,402	384,002	375,130
TOTAL	499,721	686,923	511,987	614,780	634,356	641,876
	<u>                                     </u>	Percentage C	hanges			
	ı	97/1996		998/1997	10	999/1998
	Volume	Value	Volume	Value	Volume	Value
Raw Hides	-9.7%	13.1%	8.3%	-0.3%	22.5%	11.4%
Leather	0.8%	-2.6%	-1.1%	-16.0%	24.8%	-0.1%
TOTAL	-3.4%	2.3%	2.5%	-10.5%	23.9%	-0.1 <i>%</i> 4.4%
IUIAL	-3.470	۵.3%	<b>∠.J</b> /0	-10.3%	23.370	4.470

Source: China Customs

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Country	1997		1998		1999
-	(MT)	(MT)	(US\$1000)	(MT)	(US\$1000)
Raw Hides	4101.1000-3000				
United States	77,573	106,218	\$165,286	125,093	<b>\$170,91</b> 1
Canada	15,528	30,369	\$23,732	49,855	\$40,20
Kazakstan	24,411	25,506	\$14,389	34,825	\$19,71
Australia	10,490	10,896	\$13,909	18,069	\$16,68
Mongolia	3,132	4,587	\$3,383	7,358	\$5,51
Kyrgyzstan	15,645	10,434	\$5,963	3,913	\$2,19
Netherlands	5,715	1,455	\$2,360	2,950	\$4,020
Russia	3,533	3,229	\$2,254	2,403	\$1,69
Belgium	19,253	7,085	\$2,115	311	\$73
Others	13,469	4,576	\$5,987	5,577	\$5,73
Subtotal	188,749	204,355	\$239,378	250,354	\$266,74
Leather (Inclu	uding Wet Blues) 4104	4.1000-2290			
United States	145,684	158,127	\$79,469	199,130	\$88,82
Italy	19,619	22,777	\$21,475	44,870	\$28,42
Taiwan	61,918	40,423	\$72,005	35,637	\$60,08
South Korea	27,867	28,898	\$96,449	33,379	\$92,74
Argentina	10,445	10,279	\$14,661	15,242	\$13,81
Australia	5,121	5,507	\$6,171	14,837	\$6,66
Canada	2,293	7,971	\$3,435	7,290	\$3,91
Brazil	5,996	4,494	\$12,674	7,026	\$16,44
Uruguay	2,368	4,095	\$7,136	4,828	\$6,41
New Zealand	3,201	4,025	\$1,783	3,737	\$1,92
Japan	6,686	4,959	\$14,490	2,307	\$10,88
Hong Kong	5,169	4,635	\$10,845	2,025	\$9,33
Bangladesh	3,778	1,813	\$993	1,993	\$2,07
Others	5,705	9,629	\$33,817	11,701	\$33,59
Subtotal	305,850	307,632	\$375,402	384,002	\$375,13
TOTAL	494,599	511,987	\$614,780	634,356	\$641,87

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Hong Kong Re-Exports	of Bovine Hide	s and Skins to	China, 1998-199	9	
•		All O	rigins	U.S.	Share
	Unit	Volume	Value (\$1,000)	Volume	Value (\$1,000)
1999 (Thru 3rd Qtr.)					
Raw Hides					
4101.1000	MT	11,371	5,234	7,757	3,834
4101.2100	MT	53,502	40,092	20,828	19,669
4101.2200-3000	MT	1,210	423	26	7
Total	MT	66,083	45,749	28,611	23,510
Leather (including Wet	Blues)				
4,104	1,000 Sq M	5,095	100,172	484	10,270
4104.2110	1,000 Sq M	481	6,568	11	180
4101.2190	MT	403	2,306	96	349
4104.2210	1,000 Sq M	35,925	622,237	4,040	73,599
4104.2290	MT	185,150	114,808	57,513	29,750
Total			846,091		114,148
TOTAL Raw Hides and 3rdQtr)	l Leather, 1999	(Thru	891,840		137,658
1998					
Raw Hides					
4101.1000	MT	3,321	1,827	1,978	1,026
4101.2100	MT	63,491	47,139	31,725	29,087
4101.2200-3000	MT	83	21	0	0
Total	MT	66,895	48,987	33,703	30,113
<b>Leather (including Wet</b>	Blues)				
4104.1000	1,000 Sq M	7,048	155,216	626	15,703
4104.2110	1,000 Sq M	60	1,202	4	50
4101.2190	MT	3	62	0	0
4104.2210	1,000 Sq M	44,656	818,738	4,825	101,111
4104.2290	MT	233,076	162,076	61,615	34,981
Total			1,137,294		151,845
TOTAL Raw Hides and	l Leather, 1998		1,186,281		181,958
Percentage Changes	1998	/1997	1999/1	1998 (Thru 3r	d Qtr)
	Volume	Value	Volume	Value	
Raw Hides	25.7%	9.4%	34.1%	26.7%	
Leather	n/a	-0.6%	n/a	-1.3%	
TOTAL		-0.2%		-0.2%	
Source: HK External T	rade				

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Country	(Value US\$ 100 1997		(Thru 3rd Qtr.)
Raw Hides 410		1000 1000	(Ima ora gar.)
United States	\$23,361	\$30,114	\$23,509
Australia	\$5,991	\$1,341	\$2,780
Russia	\$2,037	\$1,371	\$2,38
Kenya	\$824	\$1,677	\$2,22
Italy	\$1,642	\$2,226	\$1,207
United Kingdom	\$649	\$2,282	\$1,045
France	\$451	\$61	\$905
Netherlands	\$148	\$433	\$848
Others	\$9,663	\$9,482	\$10,839
Subtotal	\$44,766	\$48,987	\$45,749
		, ,	. ,
Leather (Incl	uding Wet Blues) 410	1.1000-2290	
South Korea	\$252,433	\$213,998	\$149,29
United States	\$147,940	\$151,846	\$114,14
Taiwan	\$169,224	\$158,148	\$97,014
Italy	\$83,835	\$101,011	\$80,620
Argentina	\$80,041	\$66,057	\$52,09
Brazil	\$58,014	\$63,079	\$42,66
Thailand	\$66,956	\$70,984	\$42,33
Japan	\$48,838	\$36,267	\$25,48
Bangladesh	\$29,486	\$22,558	\$19,70
India	\$18,150	\$16,808	\$18,77
Uruguay	\$16,584	\$20,649	\$13,610
Malaysia	\$21,252	\$23,969	\$12,26
Pakistan	\$14,662	\$20,502	\$11,952
United Kingdom	\$10,125	\$12,264	\$10,02
Indonesia	\$1,807	\$6,885	\$9,489
Others	\$124,629	\$152,269	\$146,60
Subtotal	\$1,143,976	\$1,137,294	\$846,09
TOTAL	\$1,188,742	\$1,186,281	\$891,839

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China's Bovine Hid	les and Skins Exp Metric Ton)		ation, 1997-1999
Destination	1997	1998	1999
Raw Hides 4101.100	<u> </u>		
United States	0	0	0
Thailand	42,766	33,843	26,788
Hong Kong	515	40	302
Indonesia	167	0	0
Italy	69	0	0
Others	3	55	118
Subtotal	43,520	33,938	27,208
			0
Leather (Including V	Vet Blues) 4104.1	000-4104.2290	
Hong Kong	7,908	10,471	22,733
South Korea	13,316	6,165	8,253
Taiwan	2,725	2,485	2,059
Thailand	4,156	2,940	654
Italy	1,933	5,031	650
United States	348	105	514
Japan	577	50	6
Other	1,642	1,383	1,132
Subtotal	32,605	28,630	36,001
TOTAL	70 107	00.700	60 000
TOTAL	76,125	62,568	63,209

**Source: China Customs** 

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#### **Tallow and Grease**

PSD Table						
Country	China, Peo	oles Republi	ic of			
Commodity	By-Products, Tallow & Grease				(1000 MT)	
	Revised	1998	Preliminar y	1999	Forecast	2000
	Old	New	Old	New	Old	New
Market Year Begin		01/1998		01/1999		01/2000
Beginning Stocks	0	0	0	0	0	0
Production	872	847	887	883	928	921
Intra EC Imports	0	0	0	0	0	0
Other Imports	179	179	180	317	180	350
TOTAL Imports	179	179	180	317	180	350
TOTAL SUPPLY	1051	1026	1067	1200	1108	1271
Intra EC Exports	0	0	0	0	0	0
Other Exports	0	0	0	0	0	0
TOTAL Exports	0	0	0	0	0	0
<b>Domestic Consumption</b>	1051	1026	1067	1200	1108	1271
<b>Ending Stocks</b>	0	0	0	0	0	0
TOTAL DISTRIBUTION	1051	1026	1067	1200	1108	1271
Calendar Yr. Imp. from U.S.	9	9	12	63	13	70
Calendar Yr. Exp. to U.S.	0	0	0	0	0	0

Tallow & Grease Situation and Outlook

In line with slower growth in slaughter, 1999 tallow and grease production growth slowed from previous years. In 2000, slaughter rates and tallow and grease production will likely be only slightly higher than in 1999.

The relatively slow growth in 1999 tallow and grease production was more than compensated for by a doubling of tallow imports. Comparatively high prices in China's protected vegetable oil market appear to have played a big part in this increase. Some part may also be attributed to a longer term trend of Chinese livestock producers gaining a better understanding of how to profitably use tallow in their rations. Chinese oil prices have slipped some in recent months but they are still well above world market levels, so continued high imports seem likely at least through the first half of 2000.

Beyond the immediate future, after, as seems likely the Chinese soon joining the Chinese, will greatly increase their vegetable oil import quotas after joining the WTO, however they will also lower tariffs on tallow and yellow grease. This make it difficult to say whether tallow and grease imports will maintain their current increases. For the long term however, considering that China's livestock industry will more and more rely on modern feed rations, tallow and grease for feed uses at least should continue to find a growing market in China.

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	China's Tallow and Grease Imports by Origin (Metric Tons)						
Country	1997	1998	1999	Share			
				1999			
Canada	6,926	31,502	80,707	<b>25.5</b> %			
New Zealand	80,341	61,517	79,905	25.2%			
Australia	60,297	48,636	69,701	22.0%			
United States	3,093	9,022	62,718	19.8%			
Hong Kong	14,235	22,915	19,824	6.3%			
Taiwan	915	902	1,755	0.6%			
South Korea	226	33	824	0.3%			
Macau	28	39	714	0.2%			
Indonesia	817	2,465	436	0.1%			
Japan	258	105	97	0.0%			
Singapore	725	34	62	0.0%			
Malaysia	305	412	0	0.0%			
Others	286	1,448	363	0.1%			
TOTAL	168,452	179,030	317,106	100.0%			

**Source: China Customs** 

HS Code: 1501.0000, 1502.0010, 1502.0090, 1503.0000

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CHI	INA'S IMPORTS O	F BREE	EDING	ANIMA	LS AN	D ANIMAL G	EN	ETIC N	<b>IATER</b>	IALS
			Volume	(kg)			Value (\$1,000)			
		1996	1997	1998	1999	19	96	1997	1998	1999
BRI	EEDING CATTLE	(0102.10	00)							
	DIRECT									
	IMPORTS									
	Australia	0	0	1,411	0		0	0	956	0
	Canada	415	103	67	95	1,8	79	511	295	544
	New Zealand	62	20	173	0	1,0	44	167	578	0
	Japan	0	0	0	0		0	0	0	0
	U.S.	0	212	3	6		0	934	128	51
	Subtotal	477	335	1,654	101	2,9	23	1,612	1,957	595
	HK RE-EXPORTS									
	U.S.	0	n/a	0	0		0	76	0	0
	Subtotal	0	0	0	0		0	76	0	0
	TOTAL	477	335	1,654	101	2,9	23	1,688	1,957	595
(010	EEDING SWINE 03.1000) DIRECT IMPORTS									
	Denmark	352	229	532	374	7	<b>'50</b>	451	1088	649
	France	0	0	86	150		0	0	167	252
	Taiwan	302	0	0	0	5	26	0	0	0
	U.S.	0	0	252	276		0	0	426	293
	Canada	390	395	897	214	2	47	539		
	U.K.	90	669	0	614		45	893	0	2094
	Sweden	0	0	0	187		0	0	0	251
	Other	0	49	0	0		0	84	0	0
	Subtotal	1,134	1,342	1,767	1,815	1,6	68	1,967	2,989	3,901
	HK RE-EXPORTS									
	Taiwan	302	0	0	0	5	<b>30</b>	0	0	0
	Canada	0	0	0	0		0	0	0	0
	Subtotal	302	0	0	0	5	30	0	0	0
	TOTAL	1,436	1,342	1,767	1,815	2,1	98	1,967	2,989	3,901

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IMPORTS OF BREEDING	ANIMA	LS AND	ANIM	AL GEN	ETIC MATER	RIALS,	CON'T	
		Volume	1			_	lue (\$1,0	000)
	1996	1997	1998	1999	1996	1997	1998	1999
SEMEN (0511.1000)								
DIRECT IMPORTS								
Canada	31	17	1	1	39	31	11	14
U.S.	2	0	44	15	90	0	72	25
Australia	2	0	0	0	51	0	0	0
India	0	0	0	0	0	0	0	0
Netherlands	0	0	0	0	0	0	0	0
New Zealand	0	9	50	0	0	16	35	0
Subtotal	35	26	95	16	180	47	118	39
HK RE-EXPORTS								
U.S.	0	44	0	0	0	n/a	0	0
TOTAL	35	70	95	16	180	47	118	39
EMBRYOS (0511.9920)								
DIRECT IMPORTS								
Japan	0	0	1	0	0	0	5	0
Taiwan	0	0	7	0	0	0	1	0
Canada	0	13	1	24	0	24	18	169
U.S.	0	24	10	92	0	143	124	115
New Zealand	0	0	5	77	0	0	32	383
Other	0	0	0	22	0	0	0	47
Subtotal	0	37	24	215	0	167	180	714
HK RE-EXPORTS								
U.S.	0	0	0	0	0	0	0	0
TOTAL	0	37	24	215	0	167	180	714
TOTAL GENETIC IMPORT	ΓS AL	L SOUR	CES (V	alue onl	y) 5,301	3,793	5,244	5,249
DIRECT IMPORTS					4,771	3,793	5,244	5,249
HK RE-EXPORTS					530	0	0	0
TOTAL GENETIC IMPORT	rs U.S	. ORIGI	N (Valu	ıe only)	90	1,153	750	484
DIRECT IMPORTS					90	1,077	750	484
HK RE-EXPORTS					0	76	0	0
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## **Tariff Rates and Commodity Descriptions (China Customs)**

Tariffs on Cattle and	l Beef, Effective January 1, 2000				
		General	MFN	V.A.T.	Effective Rate (mfn+vat)
Cattle, Breeding	0102.1000	0%	0%	13%	13.0%
Cattle, Other	0102.9000	30%	10%	13%	24.3%
Beef, Fresh	0201.1000.1, 0201.2000.1 0201.3000.1	70%	45%	13%-17%	63.8-69.7%
Beef, Chilled, Frzn	0201.1000.9, 0201.2000.9 0201.3000.9, 0202.1000 0202.2000, 0202.3000	70%	45%	17%	69.6%

Tariffs on Hogs and	Pork, Effective January 1, 2000				
		General	MFN	V.A.T.	Effective Rate (mfn+vat)
Swine, Breeding	0103.1000	0%	0%	13%	13.0%
Swine, Other	0103.9110, 0103.9120, 0103.9200	50%	10%	13%	24.3%
Pork, Fresh	0203.1110, 0203.1190	70%	20%	13%	35.6%
Pork, Chilled, Frzn	0203.1200.9, 0203.1900.9 0203.2110, 0203.2190, 0203.2200 0203.2900	70%	20%	17%	40.4%

Tariffs on Sheep/Goats	and Mutton, Effective January 1, 2000				
		General	MFN	V.A.T.	Effective Rate
					(mfn+vat)
Sheep, Breeding	0104.1010	0%	0%	13%	13.0%
Sheep, Other	0104.1090, 0104.2010, 0104.2090	50%	10%	13%	24.3%
Mutton, Fresh	0204.1000.1, 0204.2100.1 0204.2200.1, 0204.2300.1, 0204.5000.1	70%	23%	13%	39.0%
Mutton, Chilled, Frzn	0204.1000.9, 0204.2100.9, 0204.2200.9 0204.2300.9, 0204.3000, 0204.4100 0204.4200, 0204.4300, 0204.5000.9	70%	23%	17%	43.9%

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Tariffs on Hides and Skins, Effective January 1, 2	000				
		General	MFN	V.A.T.	Effective
					Rate
Raw Hides					(mfn+vat)
-Whole hides&skins of bovine animals, of a weight per skin not exceeding 8 kg when simply dried, 10 kg when dry-salted, or 14 kg when	4101.1000	17%	5%	17%	22.8%
fresh, wet-salted or otherwise preserved -Other hides and skins of bovine animals					
fresh or wet-salted:					
-Whole	4101.2100	17%	5%	17%	22.8%
-Butts and bends	4101.2200	17%	5%	17%	22.8%
-Other	4101.2900	17%	5%	17%	22.8%
-Other hides&skins of bovine animals, otherwise preserved	4101.3000	17%	5%	17%	22.8%
Wet Blues and Leather	•				
-Whole bovine skin leather, of a unit surface are not exceeding 28 square feet (2.6m2)	4104.1000	35%	9%	17%	27.5%
-Other bovine leather and equine leather, tanned or re-tanned but not further prepared,					
whether or not split:					
-Bovine leather, vegetable pre-tanned -Bovine leather, otherwise pre-tanned	4104.2100	35%	9%	17%	27.5%
-Chrome-tanned bovine leather (Wet blue skin leather)	4104.2210	17%	7%	17%	25.2%
-Other	4104.2290	35%	9%	17%	27.5%

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		General	MFN	V.A.T.	Effective Rate (mfn+vat)
Lard and Poultry Fat, Raw	1501.0000	35%	12%	17%	31.0%
Bovine & Sheep/Goat, Raw	1502.0010	70%	8%	17%	26.4%
Bovine & Sheep/Goat, Other	1502.0090	30%	8%	17%	26.4%
Lard, Stearin, Oil, Oleostearin, Oleooil and Tallow Oil	1503.0000	30%	15%	17%	34.6%
Margarine of Animal or Vegetable Fats or Oil, Edible Mixture	1517.1000 1/	80%	40%	17%	63.8%
Other Margarine of Animal Fats Edible Mixture	1517.9000.1 1/	70%	40%	17%	63.8%
Other Margarine of Vegetable Oil, Edible Mixture	1517.9000.9 1/	70%	40%	13%	58.2%
Animal or Vegetable Fats and Fractions, Inedible Mixture	1518.0000 1/	70%	40%	17%	63.8%